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United States Patent [19]

Van Brunt et al.

[11] **Patent Number:** 6,036,662[45] **Date of Patent:** *Mar. 14, 2000[54] **OSCILLATORY CHEST COMPRESSION DEVICE**[75] Inventors: **Nicholas P. Van Brunt**, White Bear Lake; **Donald J. Gagne**, St. Paul, both of Minn.[73] Assignee: **American Biosystems, Inc.**, St. Paul, Minn.

[*] Notice: This patent is subject to a terminal disclaimer.

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[22] Filed: Mar. 16, 1998

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Related U.S. Application Data

[63] Continuation of application No. 08/661,931, Jun. 11, 1996, Pat. No. 5,769,797.

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[52] U.S. Cl. 601/41; 601/44; 601/152

[58] Field of Search 601/41-44, 48, 601/55, 56, 77, 148-152; 128/DIG. 20; 602/13

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[57]

ABSTRACT

An oscillatory chest compression device includes an oscillatory air flow generator and a positive air flow generator. A first feedback system controls the oscillation rate of the oscillatory air flow generator, and a second feedback system controls the peak pressure created by the positive air flow generator.

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12 Claims, 3 Drawing Sheets

